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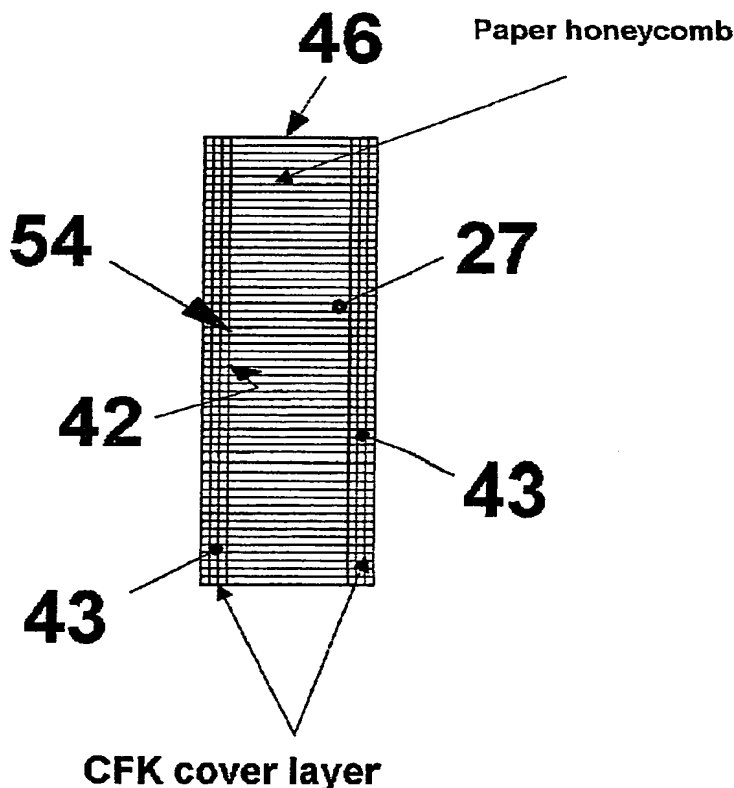
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(54) Title: PANEL ARRANGEMENT FOR AN INTERIOR LINING OF A PASSENGER CABIN IN AN AIRCRAFT



(57) Abstract: The invention relates to an arrangement for lining the interior of a passenger vehicle such as an airplane with several honeycomb panels (22) arranged side by side. Each honeycomb panel (22) comprises at least two fibre-reinforced plastic cover layer (44) glued respectively above and below at least one forming a laminate honeycomb core (46), which laminate is arranged so as to extend parallel to the outer skin of the aircraft and follow the curvature of the outer skin. The honeycomb formation used is made of paper- or aramide honeycomb cores or of a mixed combination of both honeycomb cores types. As an alternative, further fibre-reinforced plastic insulation layers are glued onto the outer surface of the respective cover layer (44) supported above and below the honeycomb formation. Moreover, the layer design of the honeycomb panelling may comprise further honeycomb cores which are additionally stacked on and glued to the honeycomb panel used.



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